|   | Index of Claims                       |           |          |         |       |          |        |          |                  |           |   |                            |            | A        | Application/Control No. |          |          |           |          |          |           |           |                   |           | Applicant(s)/Patent under<br>Reexamination |        |          |            |               |             |              |           |           |           |           |       |          |  |          |   |
|---|---------------------------------------|-----------|----------|---------|-------|----------|--------|----------|------------------|-----------|---|----------------------------|------------|----------|-------------------------|----------|----------|-----------|----------|----------|-----------|-----------|-------------------|-----------|--|--------|----------|------------|---------------|-------------|--------------|-----------|-----------|-----------|-----------|-------|----------|--|----------|---|
| : | i i i i i i i i i i i i i i i i i i i |           |          |         |       |          |        |          |                  |           |   |                            | 10/630,238 |          |                         |          |          |           |          |          |           |           |                   |           |  |        |          |            |               |             |              |           |           |           |           |       |          |  |          |   |
|   |                                       |           |          |         |       |          |        |          |                  |           |   | Examiner                   |            |          |                         |          |          |           |          |          |           | $\dashv$  | ZEGHBROECK ET AL. |           |  |        |          |            |               |             |              |           |           |           |           |       |          |  |          |   |
|   |                                       |           |          |         |       |          |        |          |                  |           |   |                            |            |          |                         |          |          |           | Lan Vinh |          |           |           |                   |           |  |        |          |            | 1765          |             |              |           |           |           |           |       |          |  |          |   |
|   |                                       |           | _        | _       |       |          |        | 1        |                  | _         | _ |                            |            |          | _                       |          |          | _         |          |          |           |           |                   |           |  |        |          |            | _             |             |              |           |           |           |           | 1     |          |  | <u> </u> |   |
|   | √ Rejected                            |           |          |         |       | be       |        | -        | -  <sup>(T</sup> |           |   | hrough numers<br>Cancelled |            |          |                         | al)      |          |           | Non-I    |          | Ele       | Elected   |                   |           | A  | Appeal |          |            |               |             |              |           |           |           |           |       |          |  |          |   |
|   | =                                     |           |          | Allowed |       |          |        |          |                  | +         |   |                            | Restricted |          |                         |          |          |           |          | ı        | li        | nter      | fere              | 'n        | Ce   |        | 0        |            | OŁ            | jec         | te           | d         | 1         |           |           |       |          |  |          |   |
|   | Claim , Date                          |           |          |         | ,<br> |          | _      | _        |                  | Claim     |   |                            |            |          | _                       |          |          | te        |          |          |           | —<br>:::Г |                   |           |  | Deta   |          |            |               | _           |              |           |           |           |           |       |          |  |          |   |
|   | $\overline{}$                         |           | 1        |         |       |          |        |          | T                |           | T |                            |            |          | $\neg$                  |          |          |           |          | ī        | Date      | ,<br>     |                   | $\top$    |  | -      | Claim    |            |               | Date        |              |           |           | Т         | Т         | ┪     |          |  |          |   |
|   | Final                                 | Original  | 1/10/67  |         |       |          |        |          |                  | ŀ         |   |                            |            | Final    |                         | Onginal  | 1        |           |          |          |           |           |                   |           |  |        | Final    | Original   |               |             |              |           |           |           |           |       |          |  |          |   |
|   |                                       | (1)       | V        |         |       |          |        |          |                  | 1         | # |                            |            |          |                         | 1        |          |           |          |          |           |           |                   |           |  | ŀ      |          | 101        | Н             | 1           | ⇉            | 士         | 士         | ╛         | $\pm$     | 士     | Ⅎ        |  |          |   |
|   | $\vdash$                              | 3         | 5        | -       | H     | H        | ╀      | ┝        | ┝                | +         | + | -                          |            | -        |                         | 3        | $\dashv$ |           | _        | Н        | -         |           |                   | $\dashv$  | -  | -      |          | 102        | Н             | -           | +            | -         | 7         | +         | 4         | +     | -        |  | •        |   |
|   |                                       | 4         | П        |         |       |          |        |          | L                | İ         | 1 |                            |            |          | 1                       | 4        |          |           |          |          |           |           |                   |           |  | t      |          | 104        |               | 士           | 士            | $\pm$     | 1         | 1         | $\pm$     | $\pm$ | 1        |  |          |   |
|   | $\vdash$                              |           | 70       | _       | ┞     | ┞        | ┞      | ┞        | ┞                | ÷         | + | -                          |            | <u> </u> |                         | 55<br>56 | $\dashv$ | _         |          | Н        | -         | $\dashv$  | -                 | +         | -  | ŀ      |          | 105<br>106 | $\vdash$      | $\dashv$    | 4            | 4         | 4         | 4         | -         | +     | 7        |  |          |   |
| : |                                       | 7         | 0        |         |       |          |        |          | L                | İ         | 1 |                            |            |          | T                       | 57       |          |           |          |          |           |           |                   | $\exists$ |  | t      |          | 107        |               | 1           | $\pm$        | +         | $\dagger$ | 1         | +         | +     | ┥        |  |          | • |
|   | $\vdash \vdash \vdash$                | 9         | - 4      | _       | L     | -        | L      | L        | L                | +         | + | _                          |            |          |                         | i8<br>i9 |          | _         |          |          | -         |           |                   | 4         | _  | -      |          | 108<br>109 | Ц             | 4           | 7            | 1         | 4         | $\dashv$  | 1         | Ţ     | ]        |  |          |   |
|   |                                       | 10        | Н        |         |       |          |        | $\vdash$ | H                | t         | + | _                          |            | -        |                         | io       | -        |           |          | Н        | $\dashv$  | $\dashv$  | $\dashv$          | +         | $\dashv$                                   | ŀ      | $\dashv$ | 110        | $\vdash$      | +           | +            | +         | +         | +         | ┽         | ┿     | ┥        |  |          |   |
|   |                                       | 11        | Ц        |         |       |          |        |          | L                | Ţ         | 4 |                            |            |          |                         | 1        |          |           |          |          |           |           |                   | $\Box$    |  | I      |          | 111        | П             | $\Box$      | $\exists$    | 1         | 1         | $\exists$ | 1         |       | 1        |  |          |   |
|   | $\vdash$                              | 12        | 半        | _       | -     | -        | ┝      | ┝        | ┝                | ╁         | + | _                          |            |          |                         | 3        | $\dashv$ | _         |          | -        | $\dashv$  | $\dashv$  |                   | $\dashv$  | -  | ŀ      |          | 112        | Н             | ┽           | +            | +         | +         | $\dashv$  | +         | +     | $\dashv$ |  |          |   |
|   |                                       | 14        | П        |         |       |          |        |          |                  | I         |   |                            |            |          | T                       | 4        |          |           |          |          |           |           |                   |           |  | Ţ      |          | 114        |               | コ           | ゴ            | 士         | I         |           | 士         | 土     | 1        |  |          |   |
|   | $\vdash$                              | 15<br>16  | Н        | _       | H     | ┝        | ┝      | ┝        | ⊦                | ╁         | + | _                          |            | _        |                         | 55<br>6  | $\dashv$ | -         |          | Н        | $\dashv$  | -         | -                 | $\dashv$  | -  | ╬      |          | 115<br>116 | $\vdash$      | +           | +            | +         | +         | 4         | +         | +     | -        |  |          |   |
|   |                                       | 17        | Ш        |         |       |          |        |          | İ                | İ         | 1 |                            |            |          | I                       | 57       |          |           |          |          |           |           | -                 |           | ╛  | t      |          | 117        | Н             | 士           | $\pm$        | 1         | $\dagger$ | $\exists$ | $\dashv$  | $\pm$ | 1        |  |          | • |
|   | $\vdash$                              | 18<br>19  | Н        | _       | H     | L        | ┞      | -        | ┞                | +         | 4 | _                          |            | <u></u>  |                         | 8<br>9   |          | _         | _        | _        | $\dashv$  |           |                   | $\dashv$  | $\dashv$                                   | -      |          | 118        | Н             | 4           | $\dashv$     | 4         | 4         | 4         | $\bot$    | 1     | 7        |  |          |   |
|   |                                       | 20        | Ш        |         |       |          |        |          | L                | t         | † | -                          |            |          |                         | 0        |          |           |          |          | $\exists$ |           |                   | H         | $\dashv$                                   | ŀ      |          | 119<br>120 | Н             | $\dashv$    | $\dashv$     | 十         | ╁         | +         | +         | +     | 1        |  |          |   |
|   | $\square$                             | 21        | П        |         |       |          | L      |          | L                | Į         | 4 |                            |            |          |                         | 1        |          |           |          |          |           |           |                   |           |  |        |          | 121        | П             | $\Box$      | $\dashv$     | 7         | 7         | $\Box$    | 1         | 1     | 1        |  |          |   |
|   | $\vdash$                              | 22<br>23  | Н        | _       | -     | $\vdash$ | ┝      | ┝        | ┝                | +         | + | _                          |            | _        |                         | '2<br>'3 | $\dashv$ | -         |          | Н        | $\dashv$  | $\dashv$  | Н                 | Н         | $\dashv$                                   | -      |          | 122        | H             | $\dashv$    | +            | +         | +         | +         | +         | +     | ┨        |  |          |   |
|   |                                       | 24        | Ш        |         |       |          |        |          |                  | 1         | 1 |                            |            |          |                         | 4        |          |           |          |          |           |           |                   |           |  | Ţ      |          | 124        |               | 1           | 士            | İ         | 士         | 7         | $\perp$   | 1     | 1        |  |          |   |
|   |                                       | 25<br>26) | 7        | _       | -     | -        | -      | ┞        | ┞                | ╀         | + | -                          | М          | ļ        |                         | '5<br>'6 | $\dashv$ | _         |          |          |           | $\dashv$  | Н                 | Н         | -  | -      |          | 125<br>126 | Н             | +           | $\dashv$     | 4         | 4         | 4         | 4         | +     | 4        |  |          |   |
|   |                                       | 27        |          |         |       |          | 匚      |          | t                | İ         | 1 |                            |            |          | $\mathbf{T}_{i}$        | 7        |          |           |          |          |           |           |                   |           |  | t      |          | 127        |               | _           | +            | $\dagger$ | +         | 7         | +         | +     | ┪        |  |          |   |
|   | $\vdash$                              | 28<br>29  | Н        | _       | Н     | ┞        | ┞      | -        | L                | +         | 4 | 4                          |            |          |                         | '8<br>'9 | -        | _         |          |          | _         |           |                   | 4         | _  | ŀ      |          | 128        | Н             | $\exists$   | $\dashv$     | 4         | 4         | 4         | 4         | Ŧ     | 7        |  |          |   |
| • |                                       | 30        | H        |         | Н     | H        | ┢      | -        | H                | t         | + | ┪                          |            |          |                         | 9        | ┪        | $\dashv$  | -        | $\dashv$ | $\dashv$  | $\dashv$  | -                 | $\dashv$  | $\dashv$                                   | ŀ      |          | 129<br>130 | H             | ┪           | +            | +         | +         | ╁         | +         | +     | ┥        |  |          |   |
|   |                                       | 31        |          | _       |       |          |        |          |                  | Į         | 1 |                            |            |          |                         | 1        |          |           |          |          | $\Box$    | $\Box$    |                   | $\Box$    |  | ļ      |          | 131        |               | 1           | $\dashv$     | 1         | 丰         | #         | 1         | #     | 1        |  |          |   |
|   |                                       | ಜಜ        | Н        |         | Н     | ┝        | ┝      | ┝        | ┝                | ╁         | + | ٦                          |            |          | 1 8                     | 2        | $\dashv$ | $\neg$    | -        | -        | $\dashv$  | $\dashv$  | _                 | +         | -  | ┢      | $\dashv$ | 132<br>133 | Н             | $\dashv$    | +            | +         | +         | +         | +         | +     | $\dashv$ |  |          |   |
|   |                                       | 34        |          |         |       |          |        |          |                  | I         | 1 | $\Box$                     |            |          | I                       | 4        |          |           |          |          |           |           |                   |           |  | t      |          | 134        |               | ╛           | 1            | 1         | 士         | 7         | 1         | +     | 1        |  |          |   |
|   | $\dashv$                              | 35<br>36  | Н        |         | Н     | ├        | ┝      | -        | -                | +         | + | $\dashv$                   |            | _        | _                       | 15       |          | $\dashv$  |          | -        | -         | $\dashv$  | $\dashv$          | $\dashv$  | -  | ┡      |          | 135<br>136 |               | 4           | 4            | 4         | +         | 4         | 4         | +     | 4        |  |          |   |
|   |                                       | 37        |          |         |       |          |        |          |                  | İ         | 1 | ╛                          |            |          | 1                       | 7        |          |           |          |          |           |           |                   | $\exists$ |  | t      |          | 137        | H             | +           | $^{\dagger}$ | $^{+}$    | 十         | +         | $\dagger$ | +     | ┪        |  |          |   |
|   | $\vdash$                              | 38<br>39  |          | _       | Н     |          |        |          | L                | Ŧ         | 4 | _                          |            |          |                         | 8        | $\dashv$ | _         |          |          | _         | $\dashv$  |                   | $\neg$    | _  | F      | $\Box$   | 138        | П             | $\neg$      | 4            | 7         | 7         | 7         | 7         | Ŧ     | 7        |  |          |   |
|   |                                       | 40        |          |         | Н     | H        |        | -        | ┝                | t         | † | ┪                          | :<br> * :  |          |                         | 0        | ᅥ        | $\dashv$  | -        |          | -         | $\dashv$  |                   | $\dashv$  | -  | ŀ      | $\dashv$ | 139<br>140 | H             | $\dashv$    | +            | +         | ╁         | +         | +         | +     | ┥        |  |          |   |
|   | _ ]                                   | 41        |          | _       |       |          | Г      |          | Г                | Ţ         | Ţ | $\exists$                  |            |          |                         | 1        | $\Box$   | $\exists$ |          |          |           |           |                   | $\Box$    |  | 1      |          | 141        | П             | 4           | $\Box$       | #         | #         | コ         | #         | I     | 7        |  |          |   |
|   | $\vdash$                              | 42<br>43  | $\dashv$ |         | Н     | H        |        | -        | H                | +         | + | $\dashv$                   |            |          |                         | 2        | -        | $\dashv$  | _        | $\dashv$ | -         | -         | Н                 | $\dashv$  | -  | ł      | $\dashv$ | 142        | Н             | ┥           | +            | +         | +         | +         | +         | +     | $\dashv$ |  |          |   |
|   |                                       | 44        |          | _       |       |          |        |          | F                | Ţ         | # | コ                          |            |          | Ţ                       | 4        |          |           |          |          |           |           |                   | $\Box$    |  | t      |          | 144        | 口             | $\sqsupset$ | コ            | #         | 1         | 1         | 士         | 1     | 1        |  |          |   |
|   | $\dashv$                              | 45<br>46  | $\dashv$ |         | Н     |          | -      | $\vdash$ | $\vdash$         | +         | + | 4                          |            |          |                         | 6        | $\dashv$ | 4         | -        | -        |           | $\dashv$  | _                 | $\dashv$  | -  | ┡      |          | 145<br>146 | ${\mathbb H}$ | +           | 4            | +         | +         | 4         | +         | +     | 4        |  |          |   |
|   |                                       | 47        |          |         | H     | Ħ        |        |          |                  | t         | 1 |                            |            |          | 9                       | 7        |          |           |          |          |           |           |                   |           |  | t      |          | 147        | H             | 寸           | _            | +         | +         | _         | +         | +     | 7        |  |          |   |
|   |                                       | 48<br>49  | [        | _       | H     | Щ        | $\Box$ |          | F                | F         | 4 | $\exists$                  |            |          |                         | 8        | $\dashv$ | $\exists$ |          |          | $\dashv$  | $\dashv$  | $\Box$            | $\dashv$  | 4  | ſ      | $\Box$   | 148        | П             | Ţ           | I            | T         | Ţ         | 7         | $\Box$    | 1     | 7        |  |          |   |
|   |                                       | 50        |          |         | 님     | Н        | Н      | Н        | H                | $\dagger$ | + | $\dashv$                   |            | _        |                         | 9        | $\dashv$ | $\dashv$  | ᅱ        | $\dashv$ | ᅱ         | -         | $\dashv$          | $\dashv$  | -  | ╠      | $\dashv$ | 149<br>150 | Н             | +           | +            | +         | +         | +         | +         | +     | $\dashv$ |  |          |   |
| , |                                       |           |          | _       |       |          |        |          | _                |           |   | _                          | -1         |          |                         |          |          |           |          |          |           |           | _                 |           |  | _      |          |            |               | 1           |              |           |           |           |           |       | ب        |  |          |   |